

Combustion Unit Survey Summary
Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
39035E112	Q1A	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760	NO	NO	NO		216			STOVE 1A
310670001	101B	FARMLAND INDUSTRIES, INC.	Chemicals And Allied Products, Agricultural Chemicals, Nitrogenous fertilizers	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	PURGE GAS CONTAINS APPROXIMATELY .15% AMMONIA.	8760	NO	NO	NO	Staged Combustion, Air to Fuel Ratio, Reduced Combustion- Air Preheat	399			PRIMARY REFORMER
181270001	520-19	BETHLEHEM STEEL CORP.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas, Natural Gas	Process Coproduct Gas	BF- SEE ENCLOSED MSDS. CG- SEE ENCLOSED MSDS.	4380	NO	NO	NO	Air to Fuel Ratio	250			NUM UNITS=4 BLAST FURNACE D, STOVES (4 IDENTICAL UNITS)
181270001	520-18	BETHLEHEM STEEL CORP.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas, Natural Gas	Process Coproduct Gas	BF- SEE ENCLOSED MSDS. CG- SEE ENCLOSED MSDS.	4380	NO	NO	NO	Air to Fuel Ratio	250			NUM UNITS=4 BLAST FURNACE C, STOVES (4 IDENTICAL UNITS)
09009W311	01 02 3 4	Hummel Brothers Inc.		Natural Gas			200					800			NUM UNITS=4
560210001	38, 39	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8760	NO	NO	NO		4.1			NUM UNITS=2 (2 HEATERS)
470821003	TEAD-27	Eastman Chemical Company	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	BYPRODUCT GAS FROM CRACKING OF ACETIC ACID IN PROCESS HEATERS	350	NO	NO	NO	Reduced Combustion- Air Preheat	18			NUM UNITS=2
370190013	ES11 ES12	E.I. DUPONT COMPANY	Chemicals And Allied Products, Plastics Materials and Synthetics, Plastics materials and resins	No. 6 Residual Oil, Liquid Waste	Liquid Waste	WASTE FINISH OIL FROM FIBERS PROCESSING	8424	DON'T KNOW	DON'T KNOW	NO		32			NUM UNITS = 4
48179W019	FURH44 2A06	Hoechst Celanese Chemical Group	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	VAPOR PHASE HYDROCARBONS. CO & COZ WITH LOWER HEATING VALUE OT 550 BTU/SCF	8400	NO	NO	NO		12.65			NUM UNITS = 3
48179W019	FURH66 6A07	Hoechst Celanese Chemical Group	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	VAPOR PHASE HYDRCARBONS. CO & COZ WITH LOWER HEATING VALUE OF 550 BTU	8400	NO	NO	NO		12.65			NUM UNITS = 2
48179W019	FURH73 3A07	Hoechst Celanese Chemical Group	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	VAPOR HYDROCARBONS.CO. & CO2 WITH LOWER HEATING VALUE OF 550 BTU/SCF	8400	NO	NO	NO		12.65			NUM UNITS = 2
48179W019	FURH73 3A07	Hoechst Celanese Chemical Group	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	VAPOR HYDROCARBONS,N2,O2,& H20 WITH LOWER HEATING VALUE OF 970 BTU/SCF	8400	NO	NO	NO		12.65			NUM UNITS = 2
560210001	23,24	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			7650	NO	NO	NO	Low NOx Burners	3.9			NUM UNITS = 2
560210001	36, 37	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8760	NO	NO	NO		9.5			NUM UNITS = 2
180890121	CP7B009 4	U S STEEL CO GARY WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas			8760	DON'T KNOW	NO	NO		250			NO. 7 COKE OVEN BATTERY
180890121	CP5B009 0	U S STEEL CO GARY WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas			8760	DON'T KNOW	NO	NO		150			NO. 5 COKE OVEN BATTERY
180890121	CP3B008 6	U S STEEL CO GARY WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas			8760	DON'T KNOW	NO	NO		250			NO. 3 COKE OVEN BATTERY
180890121	CP2B007 9	U S STEEL CO GARY WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas			8760	DON'T KNOW	NO	NO		250			NO. 2 COKE OVEN BATTERY
120330040	49	MONSANTO COMPANY	Chemicals And Allied Products, Plastics Materials and Synthetics, Organic fibers, noncellulosic	Natural Gas, Other Gas		FROM DIMETHYL ESTER (DME) SYNTHESIS UNIT. Other Gas- WASTE GAS FROM PRESSURE SWING ABSORPTION (PSA) UNIT IN H2 PLANT WASTE GAS	8000	NO	NO	NO	Low NOx Burners, Air to Fuel Ratio	150	14.5	MILLION SCFD H2	H2 PLANT

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26039E203	Q01	STRUCTURWOOD PLANT	Lumber And Wood Products, Miscellaneous Wood Products, Reconstituted wood products	Natural Gas, Wood Timber Little Bark, Wood Adulterated Coproduct Plywood/particleboard/finished			8136	DON'T KNOW	DON'T KNOW	DON'T KNOW	Wet Scrubber- High Efficiency, Electrostatic Precipitator- High Efficiency, Multiple Cyclone w/o Fly Ash Reinjection, Catalytic Oxidizer (For CO & VOC)	0050			combustion gases pass through two processes in series. The second process is exempt from this questionnaire. The first process is indirect fired and the second is direct fired.
181270001	512-08	BETHLEHEM STEEL CORP.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas	Process Coproduct Gas	CG - SEE ENCLOSED MSDS. BF - SEE ENCLOSED MSDS.	8760	NO	NO	NO	Staged Combustion, Air to Fuel Ratio	465			COKE OVEN # 1 BATTERY, UNDERFIRE SYSTEM (2 OVENS/BATTERY)
370350265	02	SOUTHERN FURN CO OF CONOVER #2	Furniture And Fixtures, Household Furniture, Upholstered household furniture	No. 2 Distillate			15	NO	NO	NO	Multiple Cyclone w/o Fly Ash Reinjection		15	GRPH #2 FUEL OIL	4D- EMERGENCY USE ONLY-LESS THAN 2000 GALLONS #2 FUEL OIL PER YEAR
540090002	P001-4	WHEELING-PITTSBURGH STEEL CORPORATION	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Process Coproduct Gas	DESULFURIZED COKE OVEN GAS	8760	DON'T KNOW	DON'T KNOW	NO	Miscellaneous Control Devices	88			1: COKE BATTERY NO. 1, UNDERFIRE
170310267	Q001	CHICAGO EXTRUDED METALS CO.	Primary Metal Industries, Nonferrous Rolling and Drawing, Copper rolling & drawing	Natural Gas, No. 6 Residual Oil			4375	YES	NO	NO	Centrifugal Collector- High Efficiency, D.F. Afterburner- Heat Exchange	18	10000	lb/hr BRASS BORINGS WITH OIL	1- PURPOSE OF PROCESS IS TO BURN OFF OILS.
390815006	P903	WHEELING PITTSBURGH STEEL STEUBENVILLE S	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Natural Gas	Process Coproduct Gas	BLAST FURNACE GAS	8300	DON'T KNOW	DON'T KNOW	NO			4500	TPD	1- BLAST FURNACE NO. 5, STOVES
540090002	P004-4	WHEELING-PITTSBURGH STEEL CORPORATION	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Process Coproduct Gas	DESULFURIZED COKE OVEN GAS	8760	DON'T KNOW	DON'T KNOW	NO	Miscellaneous Control Devices	435			#1- COKE BATTERY NO. 8, UNDERFIRE
540090002	P003-4	WHEELING-PITTSBURGH STEEL CORPORATION	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Process Coproduct Gas	DESULFURIZED COKE OVEN GAS	8760	DON'T KNOW	DON'T KNOW	NO	Miscellaneous Control Devices	99			#1- COKE BATTERY NO. 3, UNDERFIRE
540090002	P002-4	WHEELING-PITTSBURGH STEEL CORPORATION	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Process Coproduct Gas	DESULFURIZED COKE OVEN GAS	8760	DON'T KNOW	DON'T KNOW	NO	Miscellaneous Control Devices	88			#1- COKE BATTERY NO. 2, UNDERFIRE
270070019	#1 KONUS	Northwood Panelboard	Lumber And Wood Products, Miscellaneous Wood Products, Wood products, nec	LPG, Wood Timber Mostly Bark, Wood Adulterated Coproduct Plywood/particleboard/finished			8400	NO	NO	NO	Multiple Cyclone w/o Fly Ash Reinjection, Dry Electrostatic Granular Filter	20			WOOD AND BARK MAY NATURALLY CONTAIN TRACE AMOUNTS OF THE ABOVE COMPOUNDS AND/OR MATERIALS. #1 & #2 KONUS - 2 IDENTICAL UNITS
010339002	DRY KILX	MCKINNEY LUMBER	Building Materials & Garden Supplies, Lumber and Other Building Materials, Lumber and other building materials	Wood Timber Little Bark			7200	NO	NO	NO	Multiple Cyclone w/o Fly Ash Reinjection	12			
010550008	GSS002	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	8760	NO	NO	NO		133			
010550008	GSS003	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	8760	NO	NO	NO		166			

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010550008	GSS008	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas, Natural Gas	Blast Furnace Gas, Coke Oven Gas	BLAST FURNACE GAS (80 BTU/CF), COKE OVEN GAS (535 BTU/CF)	8760	NO	NO	NO		221			
010550008	GSS010	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas, Natural Gas	Blast Furnace Gas, Coke Oven Gas	BLAST FURNACE GAS (80 BTU/CF), COKE OVEN GAS (535 BTU/CF)	8760	NO	NO	NO		331			
010550008	GSS018	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas, No. 6 Residual Oil	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	5824	NO	NO	NO		225			
010550008	GSS019	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas, No. 6 Residual Oil	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	5824	NO	NO	NO		225			
010550008	GSS020	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas, No. 6 Residual Oil, Waste Oil	Waste Oil, Coke Oven Gas	WASTE OIL-RECYCLED (18,000-20,000 BTU/LB), COKE OVEN GAS (535 BTU/CF)	6000	NO	NO	NO		350			
010550008	GSS021	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	1750	NO	NO	NO		29			
010550008	GSS022	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	1750	NO	NO	NO		29			
010550008	GSS023	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	1750					29			
010550008	GSS024	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	1750	NO	NO	NO		29			
010550008	GSS025	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	1750	NO	NO	NO		29			
010550008	GSS026	GULF STATES STEEL INC	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Coke Oven Gas	COKE OVEN GAS (535 BTU/CF)	1750	NO	NO	NO		29			
010730355	UNDERFIRE	SLOSS INDUSTRIES COKE PLANT	3212	Coke Oven Gas			8760	NO	NO	NO	Air to Fuel Ratio		2238	TPD COAL	
02020A100	22725B66L	Municipality of Anchorage		Waste Oil			2400	DON'T KNOW	DON'T KNOW	NO		2			
060130010	H101	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		90.0			
060130010	H102	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		331.0			
060130010	H201	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		31.9			
060130010	H202	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		25.5			
060130010	H203	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		184.8			

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Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
060130010	H204	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		36.1			
060130010	H501	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		5.4			
060130010	H502	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		31.4			
060130010	H503	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		10.7			
060130010	H504	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		10.0			
060130010	H601	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		38.0			
060130010	H602	PACIFIC REFINING COMPANY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas			8760	NO	NO	NO		18.4			
06013A028	CO-GENE	City of Pinole		Biogas,Natural Gas			8040	DON'T KNOW	DON'T KNOW	NO	Fabric Filter Low Temp.	0.63			
060530018	Q001	CARMEL AREA WASTEWTR DIST WPCP	Electric, Gas, And Sanitary Services, Sanitary Services, Sewerage systems	Biogas			730	NO	NO	NO		1.13			
06065AA01	001		Chemicals And Allied Products, Plastics Materials and Synthetics, Plastics materials and resins	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	ORGANIC FUMES FROM CONDENSATION REACTION OF UNSATURATED POLYESTER RESIN AND STORAGE TANK VENT GASES.	8688	NO	NO	NO	Direct Flame Afterburner	7.5			
121050099	001	ALPHA/OWENS-CORNING	Chemicals And Allied Products, Plastics Materials and Synthetics, Plastics materials and resins	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	ORGANIC FUMES FROM CONDENSATION REACTION OF UNSATURATED POLYESTER RESIN AND VOC'S (STYRENE) FROM THE STORAGE TANK VENT GASES.	8760	NO	NO	NO	D. F. Afterburner- Heat Exchange	60			
13313A100	338C	City of Dalton	Electric, Gas, And Sanitary Services, Sanitary Services, Refuse systems	Diesel Fuel, Other Liquid	Other Liquid	"DO IT YOURSELFER" USED OIL AS PER 40 CFR 279 STANDARDS FOR THE MGT.OF USED OIL. AND LIGHT TRUCKS (LUBE OIL, GEAR OIL, TRANSMISSION OIL, ETC) AND HOUSEHOLD AND USED OIL-OWNER GENERATED USED OIL, FROM THE MAINTENANCE OF HEAVY EQUIPMENT	1000	DON'T KNOW	DON'T KNOW	NO	Modif. Furnace/Burner Design	0.28	0.03	GPM USED OIL/DIESEL FUEL	
170290002	DK-2	VESUVIUS U S A	3257	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	FURFURAL	7700	NO	NO	NO	Direct Flame Afterburner	1			
170290002	KK-1	VESUVIUS U S A	3257	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	FURFURAL	7700	NO	NO	NO	Direct Flame Afterburner	10.7			

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170311221	2 BATTERY	LTV STEEL - CHICAGO COKE PLANT	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas		DESULFURIZED COKE OVEN GAS, METALLURGICAL COKE, BY-PRODUCT BATTERY	8760	DON'T KNOW	NO	NO	Miscellaneous Control Devices		1900	TON PER DAY OF METALLURGICAL COKE	
17043A503	1	Addison Twp Hwy Dept		Diesel Fuel, Waste Oil			450	DON'T KNOW	NO	NO		.235			
171190153	39000701	GRANITE CITY DIV. OF NAT'L. STEEL CORP.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas, Natural Gas		natural gas: 550 BTU/SCF, blast furnace gas: GAS BLEND OF 70+% CO WITH A TOTAL BTU VALUE OF APPROX. 80 BTU/SCF, coke oven gas: GASEOUS BLEND 41+% H2, 30+% CH4 WITH A BTU VALUE OF APPROX.	8760	DON'T KNOW	DON'T KNOW	DON'T KNOW	Air to Fuel Ratio	399			
171190153	39000701B	GRANITE CITY DIV. OF NAT'L. STEEL CORP.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas	Blast Furnace Gas	GASEOUS BLEND 40+ % H2, 30+ % CH4 WITH A BTU VALUE OF APPROX. 55, blast furnace gas: GAS BLEND OF 70+ PER CENT CO WITH A TOTAL BTU VALUE OF APPROX. 80 BTU/SCF	8760	DON'T KNOW	DON'T KNOW	DON'T KNOW	Air to Fuel Ratio	457			
180970049	732714	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	VOL WITH A BOILING RANGE OF 70-280 F	8400	NO	NO	NO		36.0			
180970049	BD2714V	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS-VOL WITH A BOILING RANGE OF 70-280 F	8400	NO	NO	NO		15.0			
180970049	BM2724W	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS-VOL WITH A BOILING RANGE OF 70-280°F	8400	NO	NO	NO		21.4			
180970049	BS2740Q	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS - VOL WITH A BOILING RANGE OF 70-180F	8400	NO	NO	NO		6.0			
180970049	BT27285	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	VOLATILE ORGANIC LIQUID WITH A BOILING RANGE OF 70-280 F	8400	NO	NO	NO		6.0			
180970049	BX2707V	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS-VOL WITH A BOILING RANGE OF 70-280 F	8400	NO	NO	NO		16.0			
180970049	BX52706Q	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS-VOL WITH A BOILING RANGE OF 70-280F	8400	NO	NO	NO		6.0			
180970049	CSSTILL	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS VOL WITH A BOILING RANGE OF 70-280F	7560	NO	NO	NO		8.48			
180970049	EP2729Q	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS-VOL WITH A BOILING RANGE OF 70-280 °F	8400	NO	NO	NO		3.0			
180970049	FC2607T	REILLY INDUSTRIES INC	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Natural Gas, Other Gas	Other Gas	PROCESS GAS VOL WITH A BOILING RANGE OF 70-280F	8400	NO	NO	NO		4.0			
181270001	512-16	BETHLEHEM STEEL CORP.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas	Process Coproduct Gas	CG - SEE ENCLOSED MSDS.	8760	NO	NO	NO	Staged Combustion, Air to Fuel Ratio	420			
201030018	4	SAINT MARY COLLEGE		Natural Gas			4320	DON'T KNOW	DON'T KNOW	DON'T KNOW		1			

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201030018	6	SAINT MARY COLLEGE		Natural Gas			8760	DON'T KNOW	DON'T KNOW	DON'T KNOW		.67			
201030018	7	SAINT MARY COLLEGE		Natural Gas			8760	DON'T KNOW	DON'T KNOW	DON'T KNOW		.3			
201030018	8	SAINT MARY COLLEGE		Natural Gas			8760	DON'T KNOW	DON'T KNOW	DON'T KNOW		.3			
201730124	BB-8025	EHRlich ELECTRIC MOTORS		Natural Gas, Other Solid	Other Solid	INSULATING VARNISH & ROSLNS	1000	NO	NO	NO	Direct Flame Afterburner	485			
210190027	3STACK	AK STEEL	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas			8760	YES	NO	NO		196			
210190027	4STACK	AK STEEL	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas			8760	YES	NO	NO		318			
251210061	M871N0082	ROCHE BROTHERS					1000	NO	NO	NO		10			
251210093	PROCHTR-2	VERNON PLASTICS CO	Rubber And Misc. Plastics Products, Miscellaneous Plastics Products, Nec, Unsupported plastics film & sheet	Natural Gas, No. 4 Fuel Oil, Waste Oil			8056	YES	YES		Modif. Furnace/Burner Design	15			
260070002	OXIDIZER	FLETCHER PAPER CO	2126	Natural Gas, Petrochemical Process Gas			2860	NO	NO	NO	Catalytic Oxidizer (For VOC & CO)	10			
261010021	0001	AZTEC PRODUCING CO INC	Oil And Gas Extraction, Crude Petroleum And Natural Gas, Crude petroleum and natural gas	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	ACID GAS REMOVED FROM NATURAL GAS 90% CO2, 10% H2S	8640	NO	NO	NO		1.25			
26147E253		BARRY ELECTRIC-ROVILL CO													
261637809	BFA STVES	GREAT LAKES STEEL DIVISION	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Natural Gas			8760	NO	NO	NO		442	5000	TPD IRON (HOT METAL)	
261637809	BFB STVES	GREAT LAKES STEEL DIVISION	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Natural Gas			8760	NO	NO	NO		377	4000	TPD IRON (HOT METAL)	
270370011	27H-1	Koch Refining	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Natural Gas, Petroleum Refining Process Gas, Process Coproduct Gas	Process Coproduct Gas	PRESSURE SWING ADSORPTIONGAS HEATING VALUE OF 300 BTU/SCF	8760	NO	NO	NO	Low-Excess - Air Firing, Low NOx Burners	475			
29001A819	RR0426	City of Kirksville		Waste Oil	Waste Oil	WASTE OIL (WASTE MOTOR OIL)	2880	DON'T KNOW	DON'T KNOW	DON'T KNOW			1.68	GALLONS/H R.WASTE 011	
292130007	Q001	ROYAL OAK ENTERPRISES	Petroleum And Coal Products, Misc. Petroleum and Coal Products, Petroleum and coal products, nec	Wood Adulterated Coproduct Other Wood	Wood Adulterated Coproduct Other Wood	SAWDUST	8256	NO	NO	NO	Gravity Collector- High Efficiency, Multiple Cyclone w/ Fly Ash Reinjection	0020	3100	lb/hr SAWDUST	
330130117	BAC0 1	TRANSFORMER SERVICE	Miscellaneous Repair Services, Electrical Repair Shops, Electrical repair shops, nec	Natural Gas, Process Coproduct Solid	Process Coproduct Solid	ELECTRICAL COMPONENTS/TRANSFORMER CORES	3100	NO	YES	NO	Direct Flame Afterburner, Steam or Water Injection, Air to Fuel Ratio		52	lb/hr COMBUSTIBLE MATERIALS FOUND IN ELECTRICAL COMPONENT	

Combustion Unit Survey Summary
Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
34021W135	01970170	Lockwood										0.575	50	lb/hr COMBUSTIBLES	
370350214	01	SOUTHERN FURN CO OF CONOVER #1	Furniture And Fixtures, Household Furniture, Upholstered household furniture	No. 2 Distillate, Wood Dried Milled Lumber			4736	NO	NO	NO	Multiple Cyclone w/Fly Ash Reinjection	26	5	G.P.H. #2, 2 TPD wood waste, 137 lb/hr wood waste	
370350214	02	SOUTHERN FURN CO OF CONOVER #1	Furniture And Fixtures, Household Furniture, Upholstered household furniture	No. 2 Distillate, Wood Dried Milled Lumber			4000	NO	NO	NO	Multiple Cyclone w/Fly Ash Reinjection	26	2	TPD WOOD WASTE	
370350265	01	SOUTHERN FURN CO OF CONOVER #2	Furniture And Fixtures, Household Furniture, Upholstered household furniture	No. 2 Distillate, Wood Dried Milled Lumber			8736	NO	NO	NO	Multiple Cyclone w/o Fly Ash Reinjection	26	2	TPD WOOD SCRAP	
370350273	01	SOUTHERN FURN CO CATAWBA PLT	Furniture And Fixtures, Household Furniture, Wood household furniture	No. 2 Distillate, Wood Dried Milled Lumber			4760	NO	NO	NO	Multiple Cyclone w/Fly Ash Reinjection	21	11	TPD WOOD WASTE	
370350273	02	SOUTHERN FURN CO CATAWBA PLT	Furniture And Fixtures, Household Furniture, Wood household furniture	No. 2 Distillate, Wood Dried Milled Lumber			4000	NO	NO	NO	Multiple Cyclone w/Fly Ash Reinjection	21	11	TPD WOOD WASTE	
37049A41	Q01	City of New Bern		Biogas				NO	NO	NO		.375			
37049A41	Q02	City of New Bern										.375			
37135A73	A11	Town of Chapel Hill		Waste Oil			?	DON'T KNOW	NO	NO		185			
380590003	2	AMOCO OIL CO: MANDAN REFINERY	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas, Process Coproduct Liquid	Process Coproduct Liquid	ACID SOLUBLE OIL FROM HYDROFLOURIC ALKYLATION UNIT	8760	YES	YES	NO		43			
39035E112	Q2A	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760	NO	NO	NO		216			
39035E112	Q3A	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760								
39035E112	Q51	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760					189			
39035E112	Q52	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760					189			
39035E112	Q53	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760					189			
39035E112	Q61	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760					216			
39035E112	Q62	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760					185			
39035E112	Q63	LTV STEEL COMPANY, INC.	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas			8760					216			

Combustion Unit Survey Summary
Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
390815008	P911	WHEELING PITTS STL STEUBENVILLE NORTH	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Blast Furnace Gas, Coke Oven Gas	Process Coproduct Gas	DESULFURIZED COKE OVEN GAS, BLAST FURNACE GAS	8300	DON'T KNOW	DON'T KNOW	NO			3500	TPD	
41005A101	Q01	City of Canby		Waste Oil			4704	DON'T KNOW	DON'T KNOW	DON'T KNOW		.200			
410431037	PELLETLIN	ADVANCED WOOD RESOURCES	Lumber And Wood Products, Millwork, Plywood & Structural Members, Hardwood veneer and plywood	LPG, Wood Adulterated Coproduct Other Wood	Wood Adulterated Coproduct Other Wood	PROCESSED WOOD INTO FUEL PELLETS/ON BINDER OR ADDITIVES	5784	NO	NO	NO	Electrostatic Precipitator-High Efficiency	33	3600	lb/hr WOOD FUEL	
420030011	P001	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGED PER YEAR	
420030011	P002	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGED PER YEAR	
420030011	P003	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGED PER YEAR	
420030011	P004	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGED PER YEAR	
420030011	P005	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	100 TONS COAL CHARGED PER YEAR	
420030011	P006	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGED PER YEAR	
420030011	P007	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	100 TONS COAL CHARGED PER YEAR	
420030011	P008	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGE PER YEAR	
420030011	P009	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			456	1000 TONS COAL CHARGED PER YEAR	

Combustion Unit Survey Summary
Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
420030011	P010	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			841	1000 TONS COAL CHARGED PER YEAR	
420030011	P011	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			841	1000 TONS COAL CHARGED PER YEAR	
420030011	P012	USX CORPORATION - CLAIRTON WORKS	Primary Metal Industries, Blast Furnace and Basic Steel Products, Blast furnaces and steel mills	Coke Oven Gas, Natural Gas			8760	NO	NO	NO			1200	1000 TONS COAL CHARGED PER YEAR	
420030012	15	ASHLAND CHEMICAL CORPORATION (NEVILLE)	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Other Liquid	Other Liquid	ALCOHOL STREAM FROM PLASTICIZER OPERATION	8420	YES	YES	NO		16.5	1000	lb/hr STRIP-STRIP ALCOHOL	
42085A221	1	City of Hermitage	Electric, Gas, And Sanitary Services, Sanitary Services, Sewerage systems	Process Coproduct Gas	Process Coproduct Gas	DIGESTER GAS: METHANE 65-70%, CO2 25-30%	4380	DON'T KNOW	DON'T KNOW	DON'T KNOW		1/2			
470160010	160010-54	Arnold Engineering Development Center	National Security And Intl. Affairs, National Security, National security	Natural Gas, Other Gas, No. 2 Distillate	Other Gas	USTOR., other gas: DIMETHYL EITHER IS USED AS AN ALTERNATE FUEL FOR THE PROTOTYPE LOW-NOX COMB	100	NO	NO	NO	Low NOx Burners	116			
470720101	Q01	New Shipley Basket, Inc.	2915	Wood Dried Milled Lumber	Wood Adulterated Coproduct Other Wood	POPLAR WOOD	2100	NO	NO	NO		8000000	1000	GPM	
470821003	MH-01	Eastman Chemical Company	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas, No. 2 Distillate	Process Coproduct Gas	VOC OFF-GAS FROM PROCESS EQUIPMENT.	8600	NO	YES	NO		52			
470821003	MI-01	Eastman Chemical Company	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas, No. 2 Distillate	Process Coproduct Gas	VOC OFF-GAS FROM PROCESS EQUIPMENT	8600	NO	YES	NO		52			
470821003	REF-301	Eastman Chemical Company	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	VOC OFF-GAS FROM PROCESS EQUIPMENT	8600	NO	NO	NO		57			
470821003	REF-401	Eastman Chemical Company	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	VOC OFF-GAS FROM PROCESS EQUIPMENT.	8600	NO	NO	NO		57			
482010320	VDU	MERICHEM COMPANY	Chemicals And Allied Products, Industrial Organic Chemicals, Cyclic crudes and intermediates	Other Gas	Other Gas	NON CONDENSABLE ORGANICS AND EVAPORATION LOSSES FROM TANKAGE	4000	NO	NO	NO		5	20	TPD SOLID WASTE	
482410015	0000T0H-1	JASPER OSB MILL	Lumber And Wood Products, Miscellaneous Wood Products, Reconstituted wood products	Wood Adulterated Coproduct Other Wood	Wood Adulterated Coproduct Other Wood	MILLED DRIED.SOUTHERN YELLOW PINE WOOD	8400	YES			Miscellaneous Control Devices	33			
516700026	FU1REFORM	ALLIEDSIGNAL INC	Chemicals And Allied Products, Industrial Organic Chemicals, Industrial organic chemicals, nec	Natural Gas, Process Coproduct Gas	Process Coproduct Gas	1) CRYOGENICALLY RECOVERED METHANE 2) HYDRGENATION REACTION OFF-GAS	8760	NO	NO	NO			1850	TPD AMMONIA	

Combustion Unit Survey Summary
Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
530270057	Q01	PACIFIC VENEER, LTD.	Lumber And Wood Products, Millwork, Plywood & Structural Members, Softwood veneer and plywood	Wood Timber Mostly Bark			8400	YES	DON'T KNOW	DON'T KNOW	Electrostatic Precipitator-High Efficiency, Multiple Cyclone w/o Fly Ash Reinjection	40			
540510009	00150-517	BAYER CORPORATION	2800	Natural Gas, Other Gas	Other Gas	VENT GAS CONTAINING TOLUENE AND NOX	6000	NO	NO	NO			11	GPM SPENT ACID	
540510009	00150-539	BAYER CORPORATION	2800	Natural Gas, Other Gas	Other Gas	VENT GAS CONTAINING TOLUENE AND NOX	6000	NO	NO	NO			11	GPM SPENT ACID	
540510009	150-160-4	BAYER CORPORATION	2800	Natural Gas, Other Gas	Other Gas	VENT GAS CONTAINING TOLVENE NOX	2500	NO	NO	NO			6	GPM SPENT ACID	
540510009	150-160-6	BAYER CORPORATION	2800	Natural Gas, Other Gas	Other Gas	VENT GAS CONTAINING TOLVENE & NOX	2500	NO	NO	NO			6	GPM SPENT ACID	
540510009	150-160-7	BAYER CORPORATION	2800	Natural Gas, Other Gas	Other Gas	VENT GAS CONTAINING TOLVENE AND NOX	6000	NO	NO	NO			11	GPM SPENT ACID	
550710367	WESTWASTE	RED ARROW PRODUCTS COMPANY INC.	Food And Kindred Products, Beverages, Flavoring extracts and syrups, nec	Process Coproduct Gas, Process Coproduct Liquid, Process Coproduct Solid	Process Coproduct Gas, Process Coproduct Liquid, Process Coproduct Solid	liquid: WOOD TAR FROM PYROLYZED SAWDUST, gas: NONCONDENSABLE GASED FROM PYROLYZED SAWDUST, solid: GRANULAR WOOD CHARCOAL FROM PYROLYZED SAWDUST	5000	DON'T KNOW	DON'T KNOW	DON'T KNOW	Fabric Filter High Temp.	20			
550790963	P19	MILLER COMPRESSING COMPANY	Wholesale Trade--Durable Goods, Miscellaneous Durable Goods, Scrap and waste materials	Natural Gas, Other Liquid, Other Solid	Other Liquid	GREASE & OIL CONTAINED ON SCRAP, PAINT CONTAINED ON SCRAP	7200	NO	NO	NO	Direct Flame Afterburner	0008			
560210001	10	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		8			
560210001	11	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		14.3			
560210001	12	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO	Low NOx Burners	14.3			
560210001	13	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO	Low NOx Burners	10			
560210001	14	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		30			
560210001	15	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		26.4			
560210001	16	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		10.3			
560210001	17	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		5.1			
560210001	18	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8450	NO	NO	NO		19.3			
560210001	19	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8100	NO	NO	NO		20.7			
560210001	20	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8100	NO	NO	NO		18.8			
560210001	21	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8650	NO	NO	NO	Low NOx Burners	163			

Combustion Unit Survey Summary
Indirect-Fired Process Heaters

Facility ID No	Device ID No	Plant Name	SIC Description	Fuel Description(s)	Non-Fossil Fuel Type	Non-Fossil Fuel Description	Hours Of Operation (per year)	Heavy Metals in NF Fuel?	Halogenated Compounds in NF Fuel?	Radioactive Compounds in NF Fuel?	Control Device Description(s)	Capacity MMBtu/hr Input	Capacity Other	Capacity Other Units	Comments
560210001	22	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8650	NO	NO	NO		32.3			
560210001	25	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8200	NO	NO	NO		33.1			
560210001	26	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			6400	NO	NO	NO		15			
560210001	35	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8760	NO	NO	NO		2.1			
560210001	40	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8760	NO	NO	NO		2.1			
560210001	45	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8600	NO	NO	NO		3.4			
560210001	46	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas				NO	NO	NO		2.1			
560210001	49	FRONTIER REFINING, INC.	Petroleum And Coal Products, Petroleum Refining, Petroleum refining	Petroleum Refining Process Gas			8760	NO	NO	NO		5.3			